

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|------------------|---------|---------------------|
| L1 | 38 | (US-20050096764-\$ or US-20020183873-\$ or US-20030236581-\$ or US-20030235316-\$ or US-20050083810-\$ or US-20030039178-\$ or US-20030035352-\$ or US-20020176342-\$).did. or (US-5408582-\$ or US-6775654-\$ or US-6600898-\$ or US-5408448-\$ or US-6628999-\$ or US-7006807-\$ or US-6993285-\$ or US-6785195-\$ or US-6466913-\$ or US-5283638-\$ or US-5642422-\$ or US-7088835-\$ or US-6405093-\$ or US-5144676-\$ or US-5111530-\$ or US-5418321-\$ or US-5406022-\$ or US-5342990-\$ or US-5218710-\$ or US-4414689-\$ or US-4112384-\$ or US-5267322-\$ or US-6699204-\$ or US-6683960-\$ or US-5054078-\$ or US-6373842-\$).did. or (US-7161887-\$ or US-6205419-\$ or US-5870365-\$).did. or (US-6804496-\$).did. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2009/10/26 11:18 |
| L2 | 12 | 1 and microphone\$2 | US-PGPUB; USPAT | OR | OFF | 2009/10/26 11:19 |
| L3 | 1 | 1 and (microphone\$2 same wireless) | US-PGPUB; USPAT | OR | OFF | 2009/10/26 11:20 |
| L4 | 0 | (audio or sound or vocal) near3 (silent or silence or dropout) and ((gain or level or amplitude) near4 threshold same (mic or mike or microphon\$2)) and "369".clas. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/10/26 11:31 |
| L5 | 2734 | (mic or mike or microphon\$2) and "369".clas. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/10/26 11:32 |

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| L6 | 14 | (audio or sound or vocal) near3 (silent or silence or dropout) same (mic or mike or microphon\$2) and "369".clas. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/10/26 11:33 |
| L7 | 39 | (audio or sound or vocal) near3 (silent or silence or dropout) and (mic or mike or microphon\$2) and "369".clas. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/10/26 11:34 |
| L8 | 5 | 1 and wireless | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/10/26 13:07 |
| L9 | 43 | (US-20050096764-\$ or US-20020183873-\$ or US-20030236581-\$ or US-20030235316-\$ or US-20050083810-\$ or US-20030039178-\$ or US-20030035352-\$ or US-20020176342-\$ or US-20040264715-\$ or US-20040196989-\$).did. or (US-5408582-\$ or US-6775654-\$ or US-6600898-\$ or US-5408448-\$ or US-6628999-\$ or US-7006807-\$ or US-6993285-\$ or US-6785195-\$ or US-6466913-\$ or US-5283638-\$ or US-5642422-\$ or US-7088835-\$ or US-6405093-\$ or US-5144676-\$ or US-5111530-\$ or US-5418321-\$ or US-5406022-\$ or US-5342990-\$ or US-5218710-\$ or US-4414689-\$ or US-4112384-\$ or US-5267322-\$ or US-6699204-\$ or US-6683960-\$ or US-5054078-\$ or US-6373842-\$).did. or (US-7161887-\$ or US-6205419-\$ or US-5870365-\$ or US-7233832-\$ or US-6804638-\$ or US-6163508-\$).did. or (US-6804496-\$).did. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2009/10/26 13:10 |
| L10 | 0 | (audio or sound or vocal) near3 (silent or silence or dropout) and ((gain or level or amplitude) and spectral near power near densit\$4) and "369".clas. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/10/26 15:06 |

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| L11 | 0 | (audio or sound or vocal) near3 (silent or silence or dropout) and (gain or level or amplitude) and spectral near power near densit\$4 and "369".clas. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/10/26 15:06 |
| L12 | 9 | (audio or sound or vocal) and (gain or level or amplitude) and spectral near power near densit\$4 and "369".clas. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/10/26 15:06 |
| L13 | 9 | (audio or sound or vocal) and (spectral near power near densit\$4) and "369".clas. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/10/26 15:31 |
| L14 | 168 | (audio or sound or vocal) and (spectral near power near densit\$4) and "381".clas. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/10/26 15:32 |
| L15 | 132 | (audio or sound or vocal) and (moving near averag\$2) and "381".clas. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/10/26 15:43 |
| L16 | 55 | "5845240" | US-PGPUB; USPAT | OR | OFF | 2009/10/26 17:19 |
| L17 | 2 | (audio or sound or vocal) near3 (silent or silence or dropout) and (mic or mike or microphon\$2) and (369/7,47.11,47.3,53.32,53.3,53.37).cols. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/10/26 17:23 |
| L18 | 37 | (audio or sound or vocal) near3 (silent or silence or dropout) and (mic or mike or microphon\$2) and 700/94 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/10/26 17:23 |
| S1 | 1 | "20050096764" | US-PGPUB; USPAT | OR | OFF | 2007/01/30 10:16 |
| S2 | 1006 | 381/1 | US-PGPUB; USPAT | OR | OFF | 2007/01/30 10:16 |

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| S3 | 469844 | transfer\$5 same (memory or buffer\$4 or stor\$4) | US-PGPUB; USPAT | OR | OFF | 2007/01/30 10:17 |
| S4 | 168 | S2 and S3 | US-PGPUB; USPAT | OR | ON | 2007/01/30 10:18 |
| S5 | 42538 | fifo | US-PGPUB; USPAT | OR | ON | 2007/01/30 10:18 |
| S6 | 23 | S4 and S5 | US-PGPUB; USPAT | OR | ON | 2007/01/30 10:20 |
| S7 | 1080 | 700/94 | US-PGPUB; USPAT | OR | ON | 2007/01/30 10:20 |
| S8 | 41 | S3 and S5 and S7 | US-PGPUB; USPAT | OR | ON | 2007/01/30 10:20 |
| S9 | 9 | ("5408448" "5592471" "5734780" "5917430" "6192340" "6408128" "6598228" "6600898" "6775654").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/01/30 10:34 |
| S10 | 1725 | "sound intensity" | US-PGPUB; USPAT | OR | OFF | 2007/01/31 11:19 |
| S11 | 1006 | 381/1 | US-PGPUB; USPAT | OR | OFF | 2007/01/31 11:20 |
| S12 | 469844 | transfer\$5 same (memory or buffer\$4 or stor\$4) | US-PGPUB; USPAT | OR | OFF | 2007/01/31 11:20 |
| S13 | 168 | S11 and S12 | US-PGPUB; USPAT | OR | ON | 2007/01/31 11:20 |
| S14 | 42538 | fifo | US-PGPUB; USPAT | OR | ON | 2007/01/31 11:20 |
| S15 | 23 | S13 and S14 | US-PGPUB; USPAT | OR | ON | 2007/01/31 11:20 |
| S16 | 0 | S15 and S10 | US-PGPUB; USPAT | OR | OFF | 2007/01/31 11:21 |
| S17 | 1080 | 700/94 | US-PGPUB; USPAT | OR | ON | 2007/01/31 11:21 |

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| S18 | 41 | S12 and S14 and S17 | US-PGPUB; USPAT | OR | ON | 2007/01/31 11:21 |
| S19 | 0 | S18 and S10 | US-PGPUB; USPAT | OR | OFF | 2007/01/31 11:22 |
| S20 | 466345 | threshold | US-PGPUB; USPAT | OR | OFF | 2007/01/31 11:22 |
| S21 | 8 | S18 and S20 | US-PGPUB; USPAT | OR | OFF | 2007/01/31 15:19 |
| S22 | 46 | ("3515792" "3982070" "4133242" "4201105" "4201109" "4344347" "4384170" "4471681" "4472993" "4506579" "4508001" "4524668" "4539885" "4569268" "4573389" "4622877" "4644840" "4649783" "4719833" "4731851" "4843938" "4864625" "4916996" "4947723" "4953437" "4998281" "5111530" "5111727" "5144676" "5166464" "5187314" "5194681" "5210639" "5218710" "5243124" "5300724" "5342990" "5393926" "5406022" "5418321" "5440740" "5442127" "5530862" "5613147" "5689080").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/01/31 13:31 |
| S23 | 6 | ("4511966" "4586131" "4757469" "4975843" "5086475" "Re31977").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/01/31 13:58 |
| S24 | 18157 | noise same cancel\$5 | US-PGPUB; USPAT | OR | OFF | 2007/01/31 15:31 |
| S25 | 1 | S18 and S24 | US-PGPUB; USPAT | OR | OFF | 2007/01/31 15:27 |
| S26 | 0 | S15 and S25 | US-PGPUB; USPAT | OR | OFF | 2007/01/31 15:25 |
| S27 | 0 | S15 and S24 | US-PGPUB; USPAT | OR | OFF | 2007/01/31 15:25 |
| S28 | 4 | S13 and S24 | US-PGPUB; USPAT | OR | OFF | 2007/01/31 15:30 |

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| S29 | 1 | S12 and S14 and S17 and S24 | US-PGPUB; USPAT | OR | OFF | 2007/01/31 15:31 |
| S30 | 21946 | noise same cancel\$6 | US-PGPUB; USPAT | OR | OFF | 2007/01/31 15:31 |
| S31 | 1 | S12 and S14 and S17 and S30 | US-PGPUB; USPAT | OR | OFF | 2007/01/31 15:32 |
| S32 | 1 | S12 and S14 and S17 and S30 | US-PGPUB; USPAT | OR | ON | 2007/01/31 15:51 |
| S33 | 971 | 381/104 | US-PGPUB; USPAT | OR | ON | 2007/01/31 15:51 |
| S34 | 0 | S12 and S14 and S24 and S33 | US-PGPUB; USPAT | OR | ON | 2007/01/31 15:52 |
| S35 | 19 | S12 and S14 and S33 | US-PGPUB; USPAT | OR | ON | 2007/01/31 15:52 |
| S36 | 23 | ("3588705" "3813609" "3947636" "4112384" "4169219" "4414689" "4623934" "4631489" "4703507" "4747065" "4754419" "4775988" "4785352" "4785418" "4859964" "4879729" "4901333" "5016205" "5029162" "5054078" "5063931" "5083304").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/01/31 16:40 |
| S37 | 443 | 381/71.1 | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/01/31 16:41 |
| S38 | 34 | S12 and S37 | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/01/31 16:41 |
| S39 | 551 | 381/111 | US-PGPUB; USPAT | OR | OFF | 2007/02/01 10:27 |
| S40 | 0 | wureless same coomunication | US-PGPUB; USPAT | OR | OFF | 2007/02/01 10:28 |
| S41 | 0 | wireless same coomunication | US-PGPUB; USPAT | OR | OFF | 2007/02/01 10:28 |
| S42 | 25 | wireless same comunication | US-PGPUB; USPAT | OR | OFF | 2007/02/01 10:28 |

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| S43 | 149637 | wireless same communication | US-PGPUB; USPAT | OR | OFF | 2007/02/01 10:28 |
| S44 | 21 | S39 and S43 | US-PGPUB; USPAT | OR | OFF | 2007/02/01 10:28 |
| S45 | 334 | 381/26 | US-PGPUB; USPAT | OR | OFF | 2007/02/01 10:28 |
| S46 | 81 | S45 and mic\$6 | US-PGPUB; USPAT | OR | OFF | 2007/02/01 10:58 |
| S47 | 2 | "6138224" | US-PGPUB; USPAT | OR | OFF | 2007/02/01 11:01 |
| S48 | 1 | "20040036783" | US-PGPUB; USPAT | OR | OFF | 2007/02/01 11:01 |
| S49 | 1 | "20050096764" | US-PGPUB; USPAT | OR | OFF | 2007/02/06 15:40 |
| S50 | 1 | weiser-anatoly\$.in. | US-PGPUB; USPAT | OR | OFF | 2007/02/06 15:41 |
| S51 | 1 | weiser-anatoly\$.in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/02/07 11:46 |
| S52 | 86358 | continue\$4 same (record\$4 or dub\$5) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/02/07 11:50 |

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| S53 | 1007 | 381/1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/02/07 11:50 |
| S54 | 25 | S52 and S53 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/02/07 18:16 |
| S55 | 0 | microphone near ("analog-digital converter") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/02/07 18:17 |
| S56 | 6 | microphone near ("analog-digital converter") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/02/07 18:17 |
| S57 | 26 | "381"/\$.ccls. and burner | US-PGPUB; USPAT | OR | OFF | 2009/01/12 13:35 |
| S58 | 14 | "6373842" | US-PGPUB; USPAT | OR | OFF | 2009/01/12 13:46 |
| S59 | 1 | jp07037341 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2009/01/12 13:48 |
| S60 | 0 | ninoda-hidenori\$.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2009/01/12 13:50 |

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| S61 | 0 | -hidenori-ninoda\$.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2009/01/12 13:50 |
| S62 | 0 | hidenori-ninoda\$.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2009/01/12 13:50 |
| S63 | 5 | "6804496" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2009/01/12 13:51 |
| S64 | 31 | (US-20050096764-\$ or US-20020183873-\$ or US-20030236581-\$ or US-20030235316-\$).did. or (US-5408582-\$ or US-6775654-\$ or US-6600898-\$ or US-5408448-\$ or US-6628999-\$ or US-7006807-\$ or US-6993285-\$ or US-6785195-\$ or US-6466913-\$ or US-5283638-\$ or US-5642422-\$ or US-7088835-\$ or US-6405093-\$ or US-5144676-\$ or US-5111530-\$ or US-5418321-\$ or US-5406022-\$ or US-5342990-\$ or US-5218710-\$ or US-4414689-\$ or US-4112384-\$ or US-5267322-\$ or US-6699204-\$ or US-6683960-\$ or US-5054078-\$ or US-6373842-\$).did. or (US-6804496-\$).did. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2009/01/12 14:44 |
| S65 | 6 | S64 and antenna | US-PGPUB; USPAT | OR | OFF | 2009/01/12 14:45 |
| S66 | 651949 | transfer\$5 same (memory or buffer\$4 or stor\$4) | US-PGPUB; USPAT | OR | OFF | 2009/10/20 12:09 |
| S67 | 57113 | fifo | US-PGPUB; USPAT | OR | ON | 2009/10/20 12:09 |
| S68 | 2533 | 700/94 | US-PGPUB; USPAT | OR | ON | 2009/10/20 12:09 |
| S69 | 64 | S66 and S67 and S68 | US-PGPUB; USPAT | OR | ON | 2009/10/20 12:09 |
| S70 | 61 | S66 and S67 and S68 and time | US-PGPUB; USPAT | OR | ON | 2009/10/20 12:10 |

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| S71 | 1 | "20050083810" | US-PGPUB; USPAT | OR | OFF | 2009/10/22 16:37 |
| S72 | 144 | (audio or sound or vocal) near3 (silent or silence or dropout) and "369".clas. | US-PGPUB; USPAT | OR | OFF | 2009/10/22 18:05 |
| S73 | 3604 | (audio or sound or vocal) near3 (silent or silence or dropout) | US-PGPUB; USPAT | OR | OFF | 2009/10/22 18:05 |
| S74 | 158 | (audio or sound or vocal) near3 (silent or silence or dropout) and "369".clas. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2009/10/22 18:05 |
| S75 | 197 | (audio or sound or vocal) near3 (silent or silence or dropout) and "369".clas. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/10/22 18:05 |
| S76 | 29 | (audio or sound or vocal) near3 (silent or silence or dropout) and ((gain or level or amplitude) same threshold) and "369".clas. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/10/22 18:57 |
| S77 | 24 | (audio or sound or vocal) near3 (silent or silence or dropout) and ((gain or level or amplitude) near4 threshold) and "369".clas. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/10/22 18:57 |
| S78 | 232935 | average same (level oor gain\$2 or amplitud\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/10/24 18:29 |
| S79 | 0 | S78 and "369"/\$.clas. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/10/24 18:29 |
| S80 | 232717 | average same (level or gain\$2 or amplitud\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/10/24 18:29 |

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| S81 | 2875 | S80 and "369".clas. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/10/24 18:30 |
| S82 | 534 | (average same (level or gain\$2 or amplitud\$2) same (spectrum near power)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/10/24 18:31 |
| S83 | 3 | S82 and "369".clas. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/10/24 18:37 |
| S84 | 2 | "20050096764" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/10/24 20:14 |
| S85 | 38 | (US-20050096764-\$ or US-20020183873-\$ or US- 20030236581-\$ or US-20030235316-\$ or US- 20050083810-\$ or US-20030039178-\$ or US- 20030035352-\$ or US-20020176342-\$).did. or (US- 5408582-\$ or US-6775654-\$ or US-6600898-\$ or US-5408448-\$ or US-6628999-\$ or US-7006807-\$ or US-6993285-\$ or US-6785195-\$ or US-6466913- \$ or US-5283638-\$ or US-5642422-\$ or US- 7088835-\$ or US-6405093-\$ or US-5144676-\$ or US-5111530-\$ or US-5418321-\$ or US-5406022-\$ or US-5342990-\$ or US-5218710-\$ or US-4414689- \$ or US-4112384-\$ or US-5267322-\$ or US- 6699204-\$ or US-6683960-\$ or US-5054078-\$ or US-6373842-\$).did. or (US-7161887-\$ or US- 6205419-\$ or US-5870365-\$).did. or (US-6804496- \$).did. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2009/10/24 23:06 |
| S86 | 0 | S85 and (second near portion) | US-PGPUB; USPAT | OR | OFF | 2009/10/24 23:06 |

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|-----|---|-------------------------------|--------------------|----|-----|---------------------|
| S87 | 9 | S85 and (second same portion) | US-PGPUB; USPAT | OR | OFF | 2009/10/24 23:07 |
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10/ 26/ 2009 5:25:18 PM

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